

ABSTRACT

A sizing composition and method for manufacturing such, which is suitable for use in manufacturing fiber-reinforced composites which have desirable properties such as high strength, high resistance to water and chemical degradation, and

5 improved coloring. This is achieved in part by good adhesion of the sizing composition to the reinforcing fibers and the polymer matrix. The sizing composition includes an emulsion having a grafted polyolefin, two or more saturated fatty acids, and one or more silane coupling agents. When reinforcing fiber materials sized according to the invention are used in a molding process, the resulting composites

10 are observed to show minimal discoloration.